

Substitute for form 14-9A/B/PTO

PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/814,369-Conf. #5488
Filing Date	March 31, 2004
First Named Inventor	Sherwin S. Chen
Art Unit	3661
Examiner Name	Not Yet Assigned

Attorney Docket Number

030048140US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/YB/		US-10/746,883		Boorman	
/YB/		US-10/746,912		Boorman	
/YB/		US-10/787,644		Tafs et al.	
/YB/		US-10/798,588		Griffin III et al.	
/YB/		US-10/798,749		Sandell et al.	
/YB/		US-10/814,369		Chen et al.	
/YB/		US-10/814,494		Gunn et al.	
/YB/		US-10/815,034		Crane et al.	
/YB/		US-2003-0058134	03-27-2003	Lance Sherry	
/YB/		US-2003-0132860	07-17-2003	Thea Feyereisen	
/YB/		US-2004-0059474	03-25-2004	Daniel Boorman	
/YB/		US-3,191,147	06-22-1965	Majendie	
/YB/		US-4,247,843	01-27-1981	HARRY MILLER	
/YB/		US-4,325,123	04-13-1982	DONALD A. GRAHAM	
/YB/		US-4,860,007	08-22-1989	MICHAEL L. KONICKE	
/YB/		US-5,420,582	05-30-1995	WOLFGANG KUBBAT	
/YB/		US-5,715,163	02-03-1998	ERIC S. BANG	
/YB/		US-5,978,715	11-02-1999	MICHEL BRIFFE	
/YB/		US-6,057,786	05-02-2000	MICHEL BRIFFE	
/YB/		US-6,085,129	07-04-2000	MICHAEL T. SCHARDT	
/YB/		US-6,112,141	08-29-2000	MICHEL BRIFFE	
/YB/		US-6,188,937	02-13-2001	LANCE C. SHERRY	
/YB/		US-6,389,333	05-14-2002	R. JOHN HANSMAN	
/YB/		US-6,745,113	12-11-2003	John Griffin	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/YB/		EP-0 370 640	05-30-1990	Smiths Industries Public Ltd Co		
/YB/		EP-0 489 521	11-22-1991	Smiths Industries Public Ltd Co		
/YB/		WO-02/24530	03-28-2002	Honeywell International Inc.		
/YB/		GB-886,136	01-06-1962	Majendie		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Yonel Beaulieu/ (05/30/2007)	Date Considered
--------------------	-------------------------------	-----------------

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/814,369-Conf. #5488
				Filing Date	March 31, 2004
				First Named Inventor	Sherwin S. Chen
				Art Unit	3661
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	030048140US

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
/YB/		777 Flight Deck (1 page) http://www.meriweather.com/777/777_main.html [Accessed 1/28/03]				
/YB/		Hutchins, Edwin, "The Integrated Mode Management Interface," Department of Cognitive Science, University of California, San Diego, September 17, 1996				
/YB/		Lindenfeld, "What is an FMS?", Flight Management Systems (5 pages) http://www.ultranet.com/~marzgold//FAQ-FMS.html [Accessed 6/3/02]				
/YB/		Meriweather's Flight Deck Acronyms & Definitions (4 pages) http://www.meriweather.com/fd/def.html [Accessed 6/3/02]				

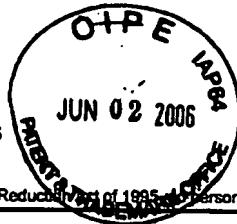
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

/Yonel Beaulieu/ (05/30/2007)

Examiner Signature	Date Considered
--------------------	-----------------

Express Mail No. EV 813996833 US



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	030048140US
-------	---	----	---	------------------------	-------------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/YB/		US-10/860,760		Sikora et al.	
/YB/		US-10/881,024		Griffin III et al.	
/YB/		US-10/882,101		Griffin III et al.	
/YB/		US-10/882,800		Griffin III et al.	
/YB/		US-2002-0016654-A1	04-29-2003	Ing et al.	
/YB/		US-20020004695-A1	04-13-2004	Glenn et al.	
/YB/		US-20020033837-A1	03-21-2002	Munro	
/YB/		US-20030225492-A1	12-04-2003	Cope et al.	
/YB/		US-2004-0183697	09-23-2004	Rogers et al.	
/YB/		US-20040111192-A1	11-09-2004	Naimer et al.	
/YB/		US-20040254691-A1	12-16-2004	Subelet	
/YB/		US-20060004496-A1	01-05-2006	Tucker et al.	
/YB/		US-4,196,474	04-01-1980	Buchanan et al.	
/YB/		US-4,212,064	07-08-1980	ARTHUR M. FORSYTHE	
/YB/		US-4,274,096	06-16-1981	Dennison	
/YB/		US-4,631,678	12-23-1986	Angermuller et al.	
/YB/		US-4,792,906	12-20-1988	ETHMER W. KING	
/YB/		US-5,050,081	09-17-1991	TERENCE S. ABBOTT	
/YB/		US-5,070,458	12-03-1991	Gilmore et al.	
/YB/		US-5,329,277	07-12-1994	Dougan et al.	
/YB/		US-5,337,982	08-16-1994	Sherry	
/YB/		US-5,454,074	09-26-1995	MARTIN C. HARTEL	
/YB/		US-5,499,025	03-12-1996	Middleton et al.	
/YB/		US-5,668,542	09-16-1997	Wright	
/YB/		US-5,739,769	04-14-1998	ZIBEROV A. VLADIMIR	
/YB/		US-5,844,503	12-01-1998	Riley et al.	
/YB/		US-5,875,998	01-01-2001	WOLFGANG GLEINE	
/YB/		US-5,940,013	08-17-1999	Vladimir et al.	
/YB/		US-6,098,014	08-01-2000	Kranz	
/YB/		US-6,118,385	09-12-2000	THOMAS M. LEARD	
/YB/		US-6,246,320	06-12-2001	Monroe	
/YB/		US-6,262,720	07-17-2001	GARY S. JEFFREY	
/YB/		US-6,278,913	08-21-2001	Jiang	
/YB/		US-6,313,759	11-06-2001	Musland-Sipper	
/YB/		US-6,314,366	11-06-2001	Farmakis et al.	
/YB/		US-6,346,892	02-12-2002	DeMers et al.	
/YB/		US-6,362,750	03-26-2002	Castor	
/YB/		US-6,381,519	04-30-2002	Snyder	
/YB/		US-6,443,399	09-03-2002	Yount et al.	
/YB/		US-6,542,796	04-01-2003	Gibbs et al.	
/YB/		US-6,556,902-A1	04-29-2003	Ng Ing	

Examiner Signature	/Yonel Beaulieu/ (05/30/2007)	Date Considered
--------------------	-------------------------------	-----------------

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/814,369-Conf. #5488
				Filing Date	March 31, 2004
				First Named Inventor	Sherwin S. Chen
				Art Unit	3661
				Examiner Name	C. H. Nguyen
Sheet	2	of	2	Attorney Docket Number	030048140US

/YB/	US-6,633,810	10-14-2003	Qureshi et al.	
/YB/	US-6,636,786-A1	10-21-2003	Partel	
/YB/	US-6,697,718-A1	02-24-2004	Le Draoulec et al.	
/YB/	US-6,720,891-A1	04-13-2004	Chen et al.	
/YB/	US-6,753,891	06-22-2004	Chohan et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/YB/		DE-3315386A	10-31-1984	Messerschmitt-Bolkow-Blohm	
/YB/		WO-2004/027732	04-01-2004	Thales	
/YB/		FR-2848306	06-11-2004	Thales	
/YB/		EP-0 286 120	10-12-1988	Howell Instruments, Inc.	
/YB/		FR-2817831	06-14-2002	EADS Airbus SA	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.88(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/YB/		Painter et al., "Decision Support For the General Aviation Pilot," Systems, Man, and Cybernetics, IEEE International Conference on Computational Cybernetics and Simulation, Orlando, FL, Oct 12-15, 1997, pages 88-93.			
/YB/		Peugeot 406 Handbook, Automobiles Peugeot, Paris, France, May 14, 1998 (pgs 30 and 38)			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Yonel Beaulieu/ (05/30/2007)	Date Considered
--------------------	-------------------------------	-----------------

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<i>Complete if Known</i>	
				Application Number	10/814,369-Conf. #5488
				Filing Date	March 31, 2004
				First Named Inventor	Sherwin S. Chen
				Art Unit	3661
				Examiner Name	Y. Beaulieu
Sheet	1	of	1	Attorney Docket Number	030048140US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (# known)			
/YB/		US-20030025719-A1	02-06-2003	PALMER et al.	
/YB/		US-20040095466-A1	05-20-2004	Galasso	
/YB/		US-20050178903-A1	08-18-2005	Boorman et al.	
/YB/		US-5,243,339	09-07-1993	Graham et al.	
/YB/		US-5,416,705	05-16-1995	Barnett	
/YB/		US-5,475,594	12-12-1995	Oder et al.	
/YB/		US-5,519,392	05-21-1996	Oder et al.	
/YB/		US-5,523,949	06-04-1996	Agate et al.	
/YB/		US-5,995,901	11-30-1999	Owen et al.	
/YB/		US-6,038,498	03-14-2000	Briffe et al.	
/YB/		US-6,067,502	05-23-2000	Hayashida et al.	
/YB/		US-6,072,473	06-06-2000	Muller et al.	
/YB/		US-6,154,151	11-20-2000	McElreach et al.	
/YB/		US-6,175,315	01-16-2001	Millard et al.	
/YB/		US-6,275,172	08-14-2001	Curtis et al.	
/YB/		US-6,335,694	01-01-02	Beksa et al.	
/YB/		US-6,381,538	04-30-2002	Robinson et al.	
/YB/		US-6,466,235	10-15-2002	Smith et al.	
/YB/		US-6,473,675	10-29-2002	Sample	
/YB/		US-6,512,527	01-28-2003	Barber et al.	
/YB/		US-6,668,215-A1	12-23-2003	Lafon et al.	
/YB/		US-6,690,299	02-10-2004	Suiter	
/YB/		US-6,696,980	02-24-2004	Langner et al.	
/YB/		US-6,707,387	03-16-2004	Noguchi et al.	
/YB/		US-6,856,864	02-15-2005	Gibbs et al.	
/YB/		US-6,870,490-A1	03-22-2005	Sherry et al.	
/YB/		US-6,871,124	03-22-2005	McElreath	
/YB/		US-6,934,608-A1	08-23-2005	Qureshi	
/YB/		US-6,980,198	12-27-2005	Gyde et al.	
/YB/		US-7,030,892	04-18-2006	Gyde et al.	
/YB/		US-7,142,131-A1	11-28-2006	Sikora	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (# known)			
/YB/		EP-1273987	01-08-2003	The Boeing Company	T ⁶

Examiner Signature	/Yonel Beaulieu/ (05/30/2007)	Date Considered
--------------------	-------------------------------	-----------------